

Message Text

SECRET

PAGE 01 MOSCOW 16848 051717Z

44

ACTION SS-25

INFO OCT-01 ISO-00 SSO-00 NSCE-00 CIAE-00 DODE-00 INRE-00

AECE-00 /026 W

----- 121889

O 051555Z NOV 74

FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC IMMEDIATE 4320

S E C R E T MOSCOW 16848

EXDIS

E.O. 11652: XGDS-3

TAGS: PARM, US, UR

SUBJECT: TTBT/PNE NEGOTIATIONS - SUMMARY OF NOV 5 PLENARY

PNE MESSAGE NUMBER FORTY-SEVEN

1. THE 15TH PLENARY SESSION WAS HELD AT 1035 HOURS 5 NOVEMBER WITH MOROKHOV AS CHAIRMAN.
2. MOROKHOV REITERATED POINTS OF DR. SAFRONOV'S PRESENTATION OF 9 NOVEMBER, STATING THAT IT HAD SHOWN THAT THE PROBLEM OF VERIFICATION OF PNES COULD BE SOLVED WITH NTM USING IN SOME CASES ADVANCE INFORMATION PROVIDING PURPOSE, LOCATION, DATE AND YIELD OF PROJECTED SHOT AS WELL AS YIELD AND RESULT AFTER THE SHOT. MOROKHOV ELABORATED ON THE IDEA THAT THE INFORMATION EXCHANGED WOULD BE INTERRELATED AND THAT THE INTERDEPENDENCE OF INFORMATION WOULD ENABLE RELIABLE VERIFICATION OF THE PEACEFUL PURPOSE OF PNES. HE SAID THAT NO ONE WOULD DOUBT THAT THE SIDE CARRYING OUT A NUCLEAR EXPLOSION WOULD GIVE ACCURATE DATA ON THE DATE AND LOCATION SINCE THIS COULD BE VERIFIED BY NTM.

3. IN DISCUSSING THE INTERRELATIONSHIP OF DATA MOROKHOV STATED THAT THE CONCLUSION COULD BE DRAWN THAT FOR ECONOMIC REASONS CONTAINED PNES WOULD BE IN HARD OR SEMI-HARD ROCK AND THEREFORE THE PERCENT

SECRET

SECRET

PAGE 02 MOSCOW 16848 051717Z

OF ENERGY COUPLED INTO SEISMIC WAVES WOULD BE KNOWN

WITH SUFFICIENT ACCURACY FOR VERIFICATION BY NTM. THE SIDE CARRYING OUT SUCH AN EVENT THEN HAS NO REASON TO GIVE ERRONEOUS DATA BECAUSE THE OTHER SIDE WOULD CATCH THE ERROR BY NTM. HE USED THE FILM AND PRESENTATION ON THE RESERVOIR SHOT IN SALT AS AN EXAMPLE, AND STATED THE CONCLUSION THAT SINCE ALL DATA WAS INTERCONNECTED THE SIDE CARRYING OUT THE EXPLOSION COULD ONLY PROVIDE OBJECTIVE INFORMATION.

4. MOROKHOV STATED THAT PNE COULD NOT BE CARRIED OUT USING AN UNTESTED DEVICE BECAUSE OF THE CHANCE THAT THE ACTUAL RESULTS WOULD DEVIATE GREATLY FROM THE PROJECTED DATA AND TO CARRY OUT SUCH A TEST WOULD BE SENSELESS. HE POINTED TO THE FACT THAT THE ACTUAL YIELD OF A NEW WEAPON MIGHT VARY GREATLY FROM THE PREDICTED YIELD AND THE CONTROL SIDE WOULD RECOGNIZE THE DIFFERENCE USING NTM. HE SAID THE SCATTER OF YIELD VALUES WOULD INCREASE AS THE DESIGN YIELD INCREASED. HE SUMMED THIS ARGUMENT BY SAYING THAT TSINCE THE YIELD MIGHT NOT MATCH IF AN UNTESTED DEVICE WAS USED, THEN THE ECONOMIC PURPOSE WOULD NOT BE FULFILLED AND THE CONTROL SIDE COULD DETECT THIS AND CLAIM A VIOLATION.

5. MOROKHOV REMARKED THAT THOUGH THE US SIDE HAD PRESENTED SPECIFIC PROPOSALS FOR LIMITATIONS OF CONTAINED PNES, IT HAD NOT PRESENTED SUCH A PROPOSAL FOR CRATERING PNES. HE WENT ON TO REITERATE THAT THE US HAD NOT PRESENTED ANY DISCUSSION OF CRATERING EXPLOSIONS TO THE SOVIETS AND RESTATED THEIR YIELD RANGES THAT MYASNIKOV LISTED ON OCTOBER 23 FOR SPECIFIC APPLICATIONS OF CRATERING EVENTS. IN DISCUSSING THE NEED FOR NUCLEAR CRATERING APPLICATIONS IN THE NORTH, NORTHEAST AND SOUTHERN DESERT REGIONS OF THE USSR, MOROKHOV RELATED ECONOMIC BENEFITS OF EXPLOSIONS AND THAT THESE EXPERIMENTS HAD BEEN DISCUSSED IN BILATERAL TECHNICAL TALKS WITH THE US AND BEFORE PANELS OF THE IAEA. HIS POINT IN THE CASE OF CRATERING SHOTS WAS THAT THE CRATER OR TRENCH LEFT BY GROUP

SECRET

SECRET

PAGE 03 MOSCOW 16848 051717Z

EXPLOSIONS GAVE ADEQUATE MEANS TO DETERMINE THE YIELD(S) OF THE EXPLOSION. HE STRESSED THAT THE USSR AND OTHER COUNTRIES HAD SPECIFIC INTEREST IN CARRYING OUT LARGE CRATERING EVENTS, BUT THAT THEY MUST BE DONE UNDER THE TERMS OF EXISTING INTERNATIONAL AGREEMENTS. AGAIN MOROKHOV ASKED FOR US PROPOSALS ON PNES FOR CRATERING.

6. STOESSEL GAVE PREPARED STATEMENT (VERGATIM TEXT

SENT IN PNE MESSAGE NO. 46).

7. AFTER AMBASSADOR STOESSEL PRESENTED HIS STATEMENT, MOROKHOV REMARKED THAT HE THOUGHT THE TWO SIDES WERE FURTHER APART THAN THEY WERE AFTER AN EQUAL AMOUNT OF TIME HAD BEEN EXPENDED IN THE TTB NEGOTIATIONS. HE WENT ON TO SAY THAT THE SOVIET SIDE COULD NOT AGREE TO THE SEPARATION OF PNES INTO THE TWO CATEGORIES OF CONTAINED AND EXCAVATION. HE PRESENTED ARGUMENTS FOR NOT SEPARATING THEM BASED ON ECONOMIC REASONS; THE FACT THAT ARTICLE III OF THE TTB DOES NOT MENTION CATEGORIES; AND THAT THE NPT DOES NOT MAKE MENTION OF SEPARATE CATEGORIES. MENTIONING THE 150 KT THRESHOLD, HE STATED THAT IT WAS A US IDEA, THAT THE SOVIET SIDE HAD NOT FAVORED THE ESTABLISHMENT OF SUCH A THRESHOLD IN THE FIRST PLACE, AND THAT WHAT THE SOVIETS WANTED WAS COMPLETE CESSATION OF WEAPON TESTING.

8. AMBASSADOR STOESSEL REPLIED THAT WE HAD ADOPTED THE TWO CATEGORIES AS A PRACTICAL MATTER TO ASSIST IN MAKING PROGRESS SINCE THE VERIFICATION REQUIREMENTS AND OTHER FACTORS SEEMED TO SEPARATE THEM NATURALLY. HE ALSO STATED THAT, IN THE US VIEW, WE HAD MADE SIGNIFICANT PROGRESS IN CLARIFYING OUR POSITIONS AND ESTABLISHING A BASIS FROM WHICH TO CONTINUE FURTHER WORK TOWARDS AN ULTIMATE AGREEMENT.

9. IN HIS LAST STATEMENT MOROKHOV REITERATED THAT THE SOVIETS HAD MADE THEIR POSITION ON ALL ASPECTS OF PNES VERY CLEAR, BUT THAT, IN HIS OPINION, THE US SIDE HAD NOT YET DONE SO. HE SAID THE SOVIET SIDE WAS UNWILLING TO CONSIDER SPECIFIC PROVISIONS FOR ONLY CONTAINED PNES, AND THAT ONLY IN CONSIDERING THE WHOLE
SECRET

SECRET

PAGE 04 MOSCOW 16848 051717Z

PACKAGE COULD WE COME TO AN AGREEMENT.

10. AGREEMENT WAS REACHED TO MEET AGAIN AT 10:30 HOURS ON 6 NOVEMBER AND THAT AT THIS LAST MEETING BEFORE RECESS EACH SIDE WOULD SUMMARIZE ITS POSITION.

11. THE RIO BLANCO FILM WAS GIVEN TO THE SOVIET SIDE WITH THE UNDERSTANDING THAT WE WILL RECEIVE A SOVIET FILM ON A GROUP CRATERING EXPERIMENT ALONG THE ROUTE OF THE PECHORA-KAMA CANAL IN EXCHANGE.

12. IN A BRIEF PRIVATE CONVERSATION WITH STOESSEL AFTER THE MEETING, MOROKHOV ASKED IF THE U.S. SIDE-- WHEN SAYING THAT VERIFICATION ASSURANCES MUST BE PROVIDED FOR ALL PNES REGARDLESS OF YIELD -- REALLY

MEANT THAT ALL VERIFICATION MEASURES MUST APPLY "EVEN
FOR PNES WITH YIELDS OF TEN KILOTONS." PLEASE ADVISE.
STOESSEL

SECRET

NNN

Message Attributes

Automatic Decaptioning: Z
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: PEACEFUL NUCLEAR EXPLOSIONS, NEGOTIATIONS
Control Number: n/a
Copy: SINGLE
Draft Date: 05 NOV 1974
Decaption Date: 28 MAY 2004
Decaption Note: 25 YEAR REVIEW
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: golinofr
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1974MOSCOW16848
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: X3
Errors: N/A
Film Number: D740317-0420
From: MOSCOW
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1974/newtext/t19741170/aaaachrp.tel
Line Count: 172
Locator: TEXT ON-LINE, ON MICROFILM
Office: ACTION SS
Original Classification: SECRET
Original Handling Restrictions: EXDIS
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 4
Previous Channel Indicators:
Previous Classification: SECRET
Previous Handling Restrictions: EXDIS
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: golinofr
Review Comment: n/a
Review Content Flags:
Review Date: 28 MAR 2002
Review Event:
Review Exemptions: n/a
Review History: RELEASED <28 MAR 2002 by shawdg>; APPROVED <23 MAY 2002 by golinofr>
Review Markings:

Declassified/Released
US Department of State
EO Systematic Review
30 JUN 2005

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: TBT/PNE NEGOTIATIONS - SUMMARY OF NOV 5 PLENARY PNE MESSAGE NUMBER FORTY-SEVEN
TAGS: PARM, US, UR
To: STATE
Type: TE
Markings: Declassified/Released US Department of State EO Systematic Review 30 JUN 2005